## **RAW SEQUENCE LISTING**

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Application Serial Number: 10

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RAW SEQUENCE LISTING DATE: 09/29/2006
PATENT APPLICATION: US/10/593,545 TIME: 11:13:23

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Output Set: N:\CRF4\09292006\J593545.raw

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      8 <130> FILE REFERENCE: 12157/17
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C--> 11 <141> CURRENT FILING DATE: 2006-09-20
     13 <150> PRIOR APPLICATION NUMBER: 60/555,916
     14 <151> PRIOR FILING DATE: 2004-03-24
     16 <160> NUMBER OF SEO ID NOS: 109
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Output Set: N:\CRF4\09292006\J593545.raw

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320 gtttctggat ctactggagc agaaatgaaa aagttaagtg aattggctgt taatatggga
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322 gaaacaacaa aatactccag tgttcaagca ggtcaaggta tcgaggaatt aataaaggct
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324 ggtgttaget tacaagatat tattaaegge ggattggeag gtgcccttaa cttagegaeg
                                                                         9000
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326 gcaggggaat tagagttagg tgaagcagcc gaaattgctt ccacagctct gaatgcattt
328 aaagcagacc atctttcagt tgcggatgca gccaatattt tatctggtgc agccaatgct
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330 teegeaactg atgtaagaga gttaaaatat ggaettteag etteateage agtageageg
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332 ggagccggaa tgacgtttaa ggatacagct acaactttag cggtatttgc acaaaatggt
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334 cttaagggat cagatgcagg tacatcttta aaaacaatgt taatgaggtt aaatccttca
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336 acaaaagaag catataacaa aatgagagat ttaggactta ttacttataa tgcacaggca
                                                                         9360
338 ggttttgatt tettagttaa aaacggtatt caaccagett ccagaaatgt aggggatata
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340 gaagtagett tagaacaata tgtaatgaaa acagaaggtg taacgaaatg gaatgataaa
                                                                         9480
342 tgtgatacaa cgtttcgcga attagcaaca agttcggcat ttttatcatc aaaattctat
                                                                         9540
344 gatcaacagg ggcatattca aagtctagaa aatatttcag gtacacttca tgaatcgatg
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346 aaagatttaa cagaccaaca acgaagtatg getetggaaa cattatttgg tteegatget
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348 gtacgtggtg cgactatctt gtttaaagaa ggcgccaaag gtgtcaatga aatgtgggat
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                                                                         9780
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362 gttggattct taggaagcgc gcttgcggtt ttaacagggc caattggtct agtagcagcg
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366 atcgcatcag tagaccgctt tgctacaaat acagaaggga aagtaagctc ctcaacaaag
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368 aaggttettg gegagtattt caagetgtee gatggtatta gacaaaagtt aactgaaatt
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370 agattgaacc atgaagtaat aacagaagaa cagtcgcaaa agttgattgg tcaatatgac
                                                                        10380
372 aaattagcta atacaatcat tgaaaaaacc aacgcaaggc agcaaaaaga aattgaaggg
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374 cttaaaaagt tctttgctga ttcgtatgta ttaaccgctg aagaagagaa caaacgaatc
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Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\09292006\J593545.raw

376 gaacagttaa atcagcacta tgaacaagaa aagctaaaaa cgcaagaaaa agaaaataaa 10560 378 attaaagaga tettacaaac ageggetaga gaaaacagag aattaaegac ateegaaegt 10620 380 atctctttac aagcattgca ggatgaaatg gacaqagttg ctqttgagca tatgtctaaa 10680 382 aatcaaatgg agcagaaggt tattcttgaa aatatgcgtg tgcaggctag tgaaatttca 10740 384 gctagacagg cagcggaagt tgtagagaat agcgccaaag caagagataa agttattgaa 10800 386 gatgcgaaaa agacccgtga tgaaaaaatt gcagaggcga ttcgccaacg tgatgaaaat 10860 388 aaaacaatca ctgctgatga agcgaacgca atcattgcag aggcaaaacg tcaatatgat 10920 390 agtacagttt ctacagctcg agataaacat aaagaaattg tgagtgaagc aaaagcgcaa 10980 11040 392 gctggtgaac atgcaaatca ggtagattgg gaaactggcc aagtaaaatc gaaatatcaa 394 gctatgaaag acgatgttat tcgaaaaatg aaagaaatgt ggtcggacgt taccaacaaa 11100 396 tatgaagata tgaaaaactc tgcaagcaac aaagtagagg agataaaaaa tacagtttca 11160 398 agaaaatttg aagagcagaa aaaagctgtt actgataaga tgtcagaaat aaaaagtagt 11220 400 attgaagata agtggaatac agttgaaaag tttttcagtt ctataaattt acgttccatc 11280 402 ggtaaatcaa tcatagaagg gcttggcaag ggaatagatg acgcttcagg aggtctgttt 11340 404 agtaaggctg cggaaattgc aagtgatatt aagaagacta tttctggagc attagaaatt 11400 406 aacagteegt etaaagtgat gatteeagte ggtagegeag tteeagaagg tgttggggtt 11460 408 ggtatggata agggaaaacg atttgttgtg gatgcagcaa aaaatgtagt cggaactgtt 410 aagaaacaaa tggggaatat gccatctgtt tttgattttg gattccaaac aaatcaatat 11580 412 agtatcccgc aaaatacatt tagcgatttc agtggatata tgcaaccgca attatcttat 11640 414 aacaatccat ctatggcaaa aacaatattc ccaaatagac caggtggaga acaagaactg 11700 416 aatttaaccg taaacatgac taatgtttta gatggaaaag agcttgcaaa cggaagttac 11760 418 acctatacta caaaacttca aaatcgtgaa caaaaaagaa gagcggaatt ttaagggtgg 11820 420 tgagcacgtt ggggaaactt agttttactt ttaataatat tagaaaagat tatattcaaa 11880 422 tgctagttgg aagaaaacgt ccttcatggg ctccagtaaa aagaagatta gtaagagtcc 11940 424 ctcatcgcgc aggggctctt ttacttaata cagaaacgga ggaacgtcgt attgacgttc 12000 426 ctcttgttat taaagcgaaa aaagatatgg cagatttaca aaagttaaaa gaagatttag 12060 428 cggattggtt atatacagag caacccgctg aacttatttt tgatgatgag ttagacagga 12120 430 cttatttagc attaattgat ggttctgtcg atttggatga aatagtcaat agaggtagag 12180 432 gtgttattac ttttgtttgt ccaatgccgt ataaattagg gaaaacaaat actcacaaat 12240 434 ttacgcaaga gtggtctaca gaaacaactt cttattttac taataaagga agtgtagaag 12300 436 ctccagcgtt aattgaaatg acggtgaaaa aaccaagtac ctttttagat gtatggtttg 12360 438 gagagtatcc gaataatcgt gattatttca gaataggcta ccctctgact gtggaagaaa 440 ccacggtaca agaacgagaa agagttatgt gggatgaaat ggccactcct ataggatgga 12480 442 caccegttac tggacaattc gatgatatga aaggaacagg gagttttaaa tcgcgtggtg 12540 444 gttatgcgct gtattgtgaa gattacggaa aagatgtagg attctacggt gctatagcca 12600 446 agaaaaacat tccgggcggc ccattacaag actttgaaat ggaggcatgg atgactttaa 12660 448 agtctaaaaa tataggtgaa atgggtcgtg ttgaagttct tcttctagat gaggctagta 12720 450 atgtggtagc ccgcatcaat atgaatgatc tatatgcaac tgccgaaatt acaagggcac 12780 452 atatgaaaat tggaaatagc ggaacaccca atagttttcg aaaattagtt gatacaagtg 454 ggtattattc gaatacattt aaccaatttc gagggcgttt gcgtatcgct aggcggggga 12900 456 aggtgtggtc tgtatatgtg gctaagttta tagatggtac agaaaaagat ggcgcttcgc 12960 458 ttgtagaacg ttggattgat gaaacaggaa atccaatgac agaacgtaaa attgcacaag 13020 460 ttatgattgc gatttgcaag tgggataatc accagcctgt taatgaaata caaattgatg 13080 462 atttgaaatt ttggaaggta aacaaagttc catctaatgc acaaccatat atctttgata 13140 464 ctggagataa aattgttatc gatactgaga aaagtcttgt cacaatcaac gggaagaatg 13200 466 caatcaatat aaaagaaatc tttagtaatt ttcctgtcat aatacgtggt gacaatcgta 468 tcgatattat gccgccagat gtaaacgcaa caatcagtta tagggagaga tatagatgag 13320 470 aacaccaagc gggattttgc atgttgtgga ttttaaaaca gatcaaatcg tcgcagctat 13380 472 ccaaccagag gactattggg atgacaaacg gcattgggaa cttaaaaaata atgttgacat

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Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\09292006\J593545.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date